AMENDMENTS TO THE CLAIMS

1-5. (Cancelled)

6. (Currently Amended) A method of wireless data communication, the method comprising:

receiving a plurality of encoded data bits;

decoding the plurality of encoded data bits in a manner de-emphasizing a subset of the plurality of encoded data bits, the de-emphasizing being based on an estimate of the likelihood of the subset having been received correctly ~~The method of Claim 1~~, wherein the ~~likelihood~~ estimate is determined based upon known training patterns to determine which bits will be undesirable, wherein the training patterns are received and examined to find a statistics of errors.

7. (Currently Amended) A method of wireless data communication, the method comprising:

receiving a plurality of encoded data bits;

decoding the plurality of encoded data bits in a manner de-emphasizing a subset of the plurality of encoded data bits, the de-emphasizing being based on an estimate of the likelihood of the subset having been received correctly ~~The method of Claim 1~~, wherein the ~~likelihood~~ estimate is determined based upon an error rate among training patterns.

8-9. (Cancelled)

10. (Currently Amended) A method of wireless data communication, the method comprising:

receiving a plurality of encoded data bits;

(SN: 09/816,810)

decoding the plurality of encoded data bits in a manner de-emphasizing a subset of the plurality of encoded data bits, the de-emphasizing being based on an estimate of the likelihood of the subset having been received correctly ~~The method of Claim 1~~, wherein the ~~likelihood~~ estimate is determined based upon checking a SNR of each of a plurality of bins and weighting accordingly using Maximum Likelihood criteria, derived from before or after decoding.

11. (Cancelled)

12. (Currently Amended) A method of wireless data communication, the method comprising:
     receiving a plurality of encoded data bits;
     decoding the plurality of encoded data bits in a manner de-emphasizing a subset of the plurality of encoded data bits, the de-emphasizing being based on an estimate of the likelihood of the subset having been received correctly ~~The method of Claim 1~~, wherein the ~~likelihood~~ estimate changes based upon a change to a determined frequency hopping interferer.

13. (Currently Amended) A method of wireless data communication, the method comprising:
     receiving a plurality of encoded data bits;
     decoding the plurality of encoded data bits in a manner de-emphasizing a subset of the plurality of encoded data bits, the de-emphasizing being based on an estimate of the likelihood of the subset having been received correctly ~~The method of Claim 1~~, wherein the ~~likelihood~~ estimate is based upon interpolating frequency bins selected for puncturing based on frequency offset estimation.

14-42. (Cancelled)

(SN: 09/816,810)